

Certificate of Analysis

Product Name:	Glucuronolactone
Molecular Formula:	C ₆ H ₈ O ₆
CAS#	32449-92-6
Molecular Weight:	176.12
Starting Material(s):	Corn Starch, Nitric Acid, Sulphuric Acid, Acetic Acid
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Glucuronolactone (HPLC)	98.5-102%	98.74%
Aerobic Plate Count	≤1000 cfu/g	Not Detected
Yeast & Mold	≤100 cfu/g	Not Detected
Coliforms	Negative	Not Detected
<i>E. Coli</i>	Negative/25g	Absent
<i>Salmonella</i>	Negative/25g	Absent
<i>Staph aureus</i>	Negative/25g	Absent
<i>Pseudo. aeruginosa</i>	Negative/25g	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystals or white crystalline powder	Conforms
Identification	Positive	Positive
Melting Point	170-176°C	173.5°C
Specific Rotation	+18.0~20.0°	+18.7°
Appearance of Solution	Clarify & Colorless	Conforms
Loss on Drying	≤0.5%	0.05%
Residue on Ignition	≤0.1%	0.06%
Sulphate	≤1 ppm	<1 ppm
Arsenic (As)	≤1 ppm	<1 ppm
Ammonium Salts	≤200 ppm	<200 ppm
Heavy Metals	≤10 ppm	<10 ppm
Lead (Pb)	≤3 ppm	<3 ppm
Cadmium (Cd)	≤1 ppm	<1 ppm
Mercury (Hg)	≤0.1 ppm	<0.1 ppm
Solubility	Freely soluble in water, slightly soluble in alcohol	Conforms
Conclusion (Manufacturer):	This product conforms to CP95 standards	

Additional Information:	Non-Allergen Vegan/Vegetarian GRAS BSE/TSE Free Pesticide Free Gluten Free Melamine Free
GMO Statement:	Non-GMO
Composition:	D-Glucuronolactone 99.5% Water 0.5%
Sterilization:	Non-Irradiated
Storage Conditions:	Keep in sealed container under 25°C. Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson

(This document was produced electronically and is valid without signature.)